

Validating & controlling iCub's talking head new prototype



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with the very valuable help of many IIT people :

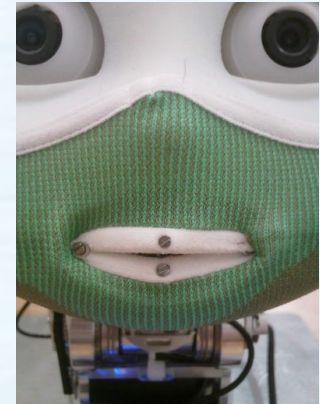
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Alberto Parmiggiani,

Lorenzo Natale, ...

iCub's talking head prototype

- Has 5 new degrees of freedom :
 - Jaw opening
 - Lips stretching/rounding (1xL + 1xR)
 - Upper lip control
 - Lower lip control
- Dressed with a tissue mask



Summer school goals

- Validate and correct the prototype :
 - Mechanic aspects (closing, shapes...)
 - Dynamics (speech rate)
 - Design aspects (aesthetics)
- Get some software demo for speech
 - Interactive articulation (keyframe control)
 - Replay motion-captured data (50 Hz)